

PRODUCT INFORMATION

Osteochron®

A highly active mineral and vitamin complex to support any treatment for osteoporosis. The high bioavailability of all minerals and vitamins used in Osteochron®, in combination with the balanced composition of the preparation, ensures optimal and high-grade supply of all important nutrients for bones. Its chronobiological division into components for the day and the night promotes the physiological metabolism of the skeletal system.

Basic Facts

Microcrystalline hydroxylapatite (MCHC®) is an especially safe and effective way to meet the body's daily requirement for calcium and other minerals. Within the scope of a health-conscious diet, Osteochron® is a great way to prevent and counteract certain diseases associated with old age – especially osteoporosis. Especially for older people – and this applies to both women and men – supplying sufficient calcium is important. In addition to its duties in the body providing for normal functionality of the muscular system and blood coagulation, MCHC is an essential constituent of bone.

With increasing age, many people develop a disorder of the natural balance between bone formation and bone loss. Ultimately, this results in the increased breakdown of bone, resulting in a decrease in bone density and increased brittleness of the bone (osteoporosis). A sufficient supply of calcium on a daily basis is important, especially for people that already suffer from this disease, but also as a means of practical healthcare.

Effects

The ingredients in Osteochron have been compiled especially for osteoporosis in order to alleviate symptoms and restore the bones' structure. It can also be combined with existing osteoporosis therapies.

MCHC® (microcrystalline hydroxyapatite), which is present in Osteochron, is a unique substance and the basis of all vertebrate bones, including those of humans. It comprises 40 percent of the bones and 95 percent of tooth enamel. In addition to calcium and phosphate, which are both essential constituents, it also contains all materials that occur in healthy bones. The special microcrystalline form of MCHC® allows for optimal absorption to take place throughout the body. In addition to calcium, MCHC® contains mineral phosphates, magnesium, fluorides, zinc, copper, manganese, silicon and other trace elements.

Calcium is one of the main constituents of bone tissue. Maintaining a high calcium level is especially important for the elderly, where bone loss, reduced bone density and high levels of bone brittleness are more pronounced.

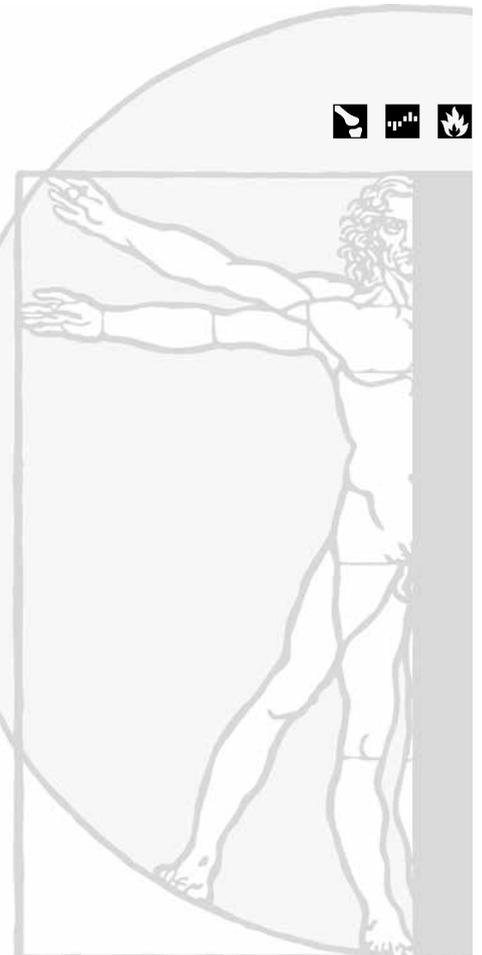
Vitamin C (ascorbic acid) is a water-based vitamin that is necessary for many biological processes, such as the healthy formation and repair of tissue, the regeneration of connective tissue such as collagen, the absorption of iron, protecting the immune system, and maintaining healthy bones. Due to its anti-oxidative properties and ability to counteract oxidative damage, vitamin C is a valuable asset fighting against free radicals.

Vitamin D contributes to the health of the bones by absorbing calcium and phosphorous, which are required to maintain healthy bones. A vitamin D deficiency results in the body taking the required calcium from the bones, thereby increasing the likelihood of osteoporosis and osteomalacia (softening of the bones), particularly in the elderly. New studies have proven the significance of vitamin D for maintaining strong bones, and have established a connection between low vitamin D levels and a surprisingly high number of other health problems. Therefore, it is important that you add vitamin D to your daily supplements.

Vitamin B6 does not only promote healthy homocysteine levels and general cardiovascular health, but also plays an important role in the formation of bone and its rejuvenation. In addition, researchers have confirmed that low levels of vitamin B6 are frequently associated with poor bone health.

Vitamin K2, like all other K vitamins, is a fat-soluble vitamin. The body needs this vitamin for the formation of strong and healthy bones. Several international studies have been able to prove that there is a positive correlation between vitamin K2 levels and bone density.

Vitamin B12 is best known for its role in the production of energy and maintaining a healthy nervous system. However, the important role it plays in bone health is less known. Although vitamin B12 is water-soluble, it is not excreted by the body as quickly as other water-soluble vitamins and therefore, it is more difficult to detect a deficiency. B12 is required for the healthy production of osteoblasts, which are responsible at a cellular level for the healthy formation of bone. A deficiency leads to increased levels of bone loss and a risk of bone breakage.



Magnesium is required for the formation of bone, protein and fatty acid, as well as to activate B vitamins, relax the muscles and for blood coagulation. Furthermore, it is the basic building block for the formation of ATP – the initial «fuel» that makes the cells «run». Many hormones also require magnesium in order to be released.

MSM (Methylsulfonylmethane) is an organic sulphur compound that supports healthy cellular anti-inflammatory processes and a healthy level of anti-oxidation agents in the body (glutathione in particular), while also alleviating pain in the joints.

Soy isoflavones are integral constituents of soybean extract which promote a healthy formation of bone by providing a healthy balance between osteoclasts (cells responsible for the breakdown of bone) and osteoblasts (cells responsible for the re-formation of bone) within the body. Furthermore, soy isoflavones can promote healthy bone mineral density and strength. The three most important isoflavones contained in soy include genistein, daidzein and glycitein.

Coral Calcium®: regulates the pH value of the organism. The more balanced this value the higher the organism's ability to absorb all the other active substances.

Bioperine® pepper extract, increases the bioavailability of substances.

Composition

| AM capsule (morning) | | |
|----------------------|------------------------|--------|
| | per capsule daily dose | |
| MCHC® | 208 mg | 416 mg |
| Calcium (Ca) | 155 mg | 310 mg |
| Vitamin C | 28 mg | 56 mg |
| Vitamin D | 5 mcg | 10 mcg |
| Vitamin B6 | 1 mg | 2 mg |
| Vitamin K2 | 40 mcg | 80 mcg |
| Coral Calcium® | 12,5 mg | 25 mg |
| Bioperine® | 1,25 mg | 2,5 mg |

in pharmaceutical grade. Other ingredients: stearic acid, microcrystalline cellulose, magnesium stearate, tricalcium phosphate, SiO₂.

| PM capsule (evening) | | |
|------------------------|------------------------|--------|
| | per capsule daily dose | |
| MCHC® | 105 mg | 210 mg |
| Calcium (Ca) | 25 mg | 50 mg |
| Magnesium (Mg) | 125 mg | 250 mg |
| MSM | 150 mg | 300 mg |
| Isoflavones (from soy) | 80 mg | 160 mg |
| Vitamin B12 | 25 mcg | 50 mcg |
| Coral Calcium® | 12,5 mg | 25 mg |
| Bioperine® | 1,25 mg | 2,5 mg |

in pharmaceutical grade. Other ingredients: stearic acid, magnesium stearate, tricalcium phosphate, SiO₂.

Dosage

In normal cases take 2 capsules AM (yellow) in the morning and 2 capsules PM (blue) in the evening with plenty of fluid.

Instructions

Food supplements are no substitute for a well-balanced diet and a healthy lifestyle. The indicated recommended daily intake should not be exceeded. Persons under constant medical care should consult a physician before taking the supplements. Product information is not to be considered a statement regarding cure; in general, we advise against self-medication without proper consultation of a doctor. Subject to mistakes and print or typographical errors.

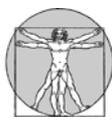
Store in a cool and dry environment, out of reach for children.

Osteochron® Product Groups

Osteochron® can be found in the following product groups (www.vitabasix.com):

-  **Bones & Joints**
-  **Chronobiology**
-  **Pain & Inflammation**

Manufacturer:



VitaBasix®

by LHP Inc.

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Important information:

Our products are manufactured in accordance with the GMP (Good Manufacturing Practice) standard. Their quality, purity and concentration are regularly tested in independent test laboratories, in keeping with the FDA (Food and Drug Administration) guidelines.

Our products should be regarded as preventive measures or measures to enhance the individual's general wellbeing. Patients must consult a doctor before using the products for the treatment of diseases.

Subject to alterations and printing errors. Version May 2020